

Abstract

To provide a photo-interrupter which can anchor a light-emitting device and a light-receiving device to a concave case in an expensive configuration.

5 The photo-interrupter (1) includes a light-emitting device (6) and a light-receiving device (7) each with a lens projected forward being housed oppositely to each other within an concave case (2) of an opaque resin mold. The sides of the lenses (6a) and (7a) of the light-emitting
10 device (6) and the light-receiving device (7) are secured onto the end faces 5x and 5y of openings (5a) and (5b) formed on the opposite inner surfaces of the case (2). The left and right outer surfaces (2x) and (2y) of the case (2) are bent to form pressing portions (2u) and (2v).
15 The backs of the light-emitting device (6) and the light-receiving device (7) are pressed by the pressing portions so that they are anchored to the case (2).